



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael R. Franceschini, et al.
Serial No.: : 09/802,280
Filed : March 8, 2001
Entitled : FREQUENCY DOMAIN
DIRECT SEQUENCE SPREAD
SPECTRUM WITH FLEXIBLE
TIME FREQUENCY CODE
Docket : RTN-098AUS

Group Art Unit: 2681

Examiner: Not Yet Assigned

Certificate of Mailing (37 C.F.R. 1.8(a))

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9/27/02
Date of Signature
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By: Donald F. Mofford
Donald F. Mofford
Reg. No. 33,740
Attorney for Applicant(s)

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Assistant Commissioner for Patents
Washington, DC 20231

OCT 08 2002

Technology Center 2600

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

☒ (1) The enclosed Information Disclosure Statement is being filed: within three months of the filing date; or within three months of the entry of the national stage of the above-identified application; or before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. Accordingly, Applicant(s) believes that no fee or statement is required.

☐ (2) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by the fee set forth in § 1.17(p).

STATEMENT UNDER 37 C.F.R. § 1.97(e)(1) PURSUANT TO 37 C.F.R. § 1.97(c)

☐ (3) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97(e)(2) PURSUANT TO 37 C.F.R. § 1.97(c)

☐ (4) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent

office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

PETITION UNDER 37 C.F.R. § 1.97(d) WITH A STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

[] (5) Pursuant to 37 C.F.R. § 1.97(d), Applicant(s) hereby petition the Assistant Commissioner to consider the attached Information Disclosure Statement. Applicant(s) state that the issue fee has not been paid and that a statement under 37 C.F.R. § 1.97(e) is provided herein, along with the petition fee required under 37 C.F.R. § 1.17(i). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

PETITION UNDER 37 C.F.R. § 1.97(d) WITH A STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

[] (6) Pursuant to 37 C.F.R. § 1.97(d), Applicant(s) hereby petition the Assistant Commissioner to consider the attached Information Disclosure Statement. Applicant(s) state that the issue fee has not been paid and that a statement under 37 C.F.R. § 1.97(e) is provided herein, along with the petition fee required under 37 C.F.R. § 1.17(i). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a

duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

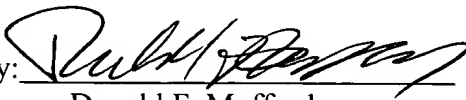
The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Respectfully submitted,

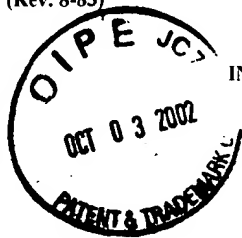
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
RTN-098AUSAPPLICATION NO.
09/802,280APPLICANT
Michael R. Franceschini et al.FILING DATE
March 8, 2001GROUP
2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	5 7 8 4 3 6 3	07/21/98	Engstrom et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 98/59473	12/30/98	PCT				
	WO 98/58496	12/23/98	PCT				
	WO 99/05798	2/4/99	PCT				
	EP 0854619A1	7/22/98	Europe				
	EP 0932284A2	7/28/99	Europe				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Uwe-Carsten Fiebig et al, IEE Transactions on Communications, Vol. 47, No. 11, Soft-Decision and Erasure Decoding in Fast Frequency-Hopping Systems with Convolutional, Turbo, and Reed-Solomon Codes, November, 1999, Pages 1646-1653
	Copy of PCT International Search Report, International Application No. PCT/US01/07458.
Examiner	Date Considered:
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.



2681#6
ref
10-11-02

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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/802,280	
	Filed On	March 8, 2001	
	First Named Inventor	Michael R. Franceschini et al.	
	Group Art Unit	2681	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	158	Attorney Docket Number	RTN-098AUS

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return-Receipt Postcard Form PTO 1449 with 8 refs.
Remarks		RECEIVED OCT 08 2002 Technology Center 2600
In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Donald F. Mofford Reg. No. 33,740 Daly, Crowley & Mofford, LLP
Signature	
Date	9/27/02

CERTIFICATE OF MAILING	
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Typed or printed name	Donald F. Mofford
Signature	
Date	9/27/02

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